

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 3673-15

C# M#

RABELLO et al

Group Art Unit:

Serial No. 09/980,277

Examiner:

Filed: December 3, 2001

Date: June 17, 2002

Title: METHOD AND KIT FOR THE DETECTION OF SCHISTOSOMIASIS THROUGH  
THE POLYMERASE CHAIN REACTIONAssistant Commissioner for Patents  
Washington, DC 20231

Sir:

**RESPONSE/AMENDMENT/LETTER**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

**Fees are attached as calculated below:**

Total effective claims after amendment 0 minus highest number  
previously paid for 20 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 0 minus highest number  
previously paid for 3 (at least 3) = 0 x \$ 84.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s) (\$110.00/1 month; \$400.00/2 months; \$920.00/3 months) \$ 0.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$740.00) \$ 0.00

☐ Please enter the previously unentered, filed

☐ Submission attached

**Subtotal \$ 0.00**

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: copy notification April 16, 2002, paper and computer readable forms of Sequence Listing, 0.00  
Amendment, Statement re: Sequence Listing, Search Report dated August 16, 2001, PTO 1449 Form;  
copy of post card from March 29, 2002 and cover sheet and Declaration filed March 29, 2002


**TOTAL FEE ENCLOSED \$ 0.00**

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

1100 North Glebe Road, 8<sup>th</sup> Floor  
Arlington, Virginia 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100  
BJS:b

NIXON & VANDERHYE P.C.  
By Atty: B. J. Sadoff, Reg. No. 36,663

Signature: 

|   |   |  |           |  |                                  |
|---|---|--|-----------|--|----------------------------------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)<br><b>09/980,277</b>   |   | INTERNATIONAL APPLICATION NO.<br><b>PCT/BR01/00035</b> |           | ATTORNEY'S DOCKET NUMBER<br><b>3673-15</b> |                                  |
| <b>2</b>  | <input checked="" type="checkbox"/> The following fees are submitted: |  |           |  | <b>CALCULATIONS</b> PTO USE ONLY |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>   |   |  |           |  |                                  |
| -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....\$1040.00   |   |  |           |  |                                  |
| -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$890.00   |   |  |           |  |                                  |
| -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO .....\$740.00   |   |  |           |  |                                  |
| -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$710.00   |   |  |           |  |                                  |
| -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00   |   |  |           |  |                                  |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>   |   |  |           |  | \$ 0.00                          |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).  |   |  |           |  | \$ 0.00                          |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA   | RATE      |  |                                  |
| Total Claims  | 20  | -20 = 0  | X \$18.00 | \$   | 0.00                             |
| Independent Claims  | 3   | -3 = 0   | X \$84.00 | \$   | 0.00                             |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |   |  | \$280.00  | \$   | 0.00                             |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |   |  |           |  | \$ 0.00                          |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |   |  |           |  | 0.00                             |
| <b>SUBTOTAL =</b>   |   |  |           |  | \$ 0.00                          |
| Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).  |   |  |           |  | 0.00                             |
| <b>TOTAL NATIONAL FEE =</b>   |   |  |           |  | \$ 0.00                          |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +  |   |  |           |  | \$ 40.00                         |
| Fee for Petition to Revive Unintentionally Abandoned Application (\$1280.00 - Small Entity = \$640.00)  |   |  |           |  | \$ 0.00                          |
| <b>TOTAL FEES ENCLOSED =</b>  |   |  |           |  | \$ 40.00                         |
|   |   |  |           |  | Amount to be: refunded \$        |
|   |   |  |           |  | Charged \$                       |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$40.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.</p> <p>d. <input checked="" type="checkbox"/> The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.</p> |   |  |           |  |                                  |
| <p><b>NOTE:</b> Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>   |   |  |           |  |                                  |
| <p><b>SEND ALL CORRESPONDENCE TO:</b></p> <p>NIXON &amp; VANDERHYE P.C.<br/>1100 North Glebe Road, 8<sup>th</sup> Floor<br/>Arlington, Virginia 22201-4714<br/>Telephone: (703) 816-4000<br/>BJS:eaw</p>  |   |  |           |  |                                  |
| <br>SIGNATURE   |   |  |           |  |                                  |
| <b>B. J. Sadoff</b><br>NAME   |   |  |           |  |                                  |
| <b>36,663</b><br>REGISTRATION NUMBER  |   |  |           |  | <b>March 29, 2002</b><br>Date    |

|  |   |   |
|--|---|---|
| FORM PTO-1390<br>(REV 11-2000)   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br><b>3673-15</b><br>U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>09/980,277</b> |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |   |   |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/BR01/00035</b>   | INTERNATIONAL FILING DATE<br><b>4 April 2001</b>        | PRIORITY DATE CLAIMED<br><b>4 April 2000</b>  |
| TITLE OF INVENTION<br><b>METHOD AND KIT FOR THE DETECTION OF SCHISTOSOMIASIS THROUGH THE POLYMERASE CHAIN REACTION</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><p style="text-align: center;"><b>RABELLO et al</b></p>   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |   |
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |   |
| <b>Items 11 To 20 below concern document(s) or information included:</b>   |   |   |
| <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information.</li> </ol>  |   |   |

